

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A method of providing quality of service in an Internet Protocol (IP) telephony session between a calling party and a called party, the method comprising:
 - transporting IP telephony media for said session between said calling party and a first device having IP capability and ATM capability;
 - transporting IP telephony media for said session between said called party and a second device having IP capability and ATM capability;
 - establishing an ATM virtual circuit for said session between said first device and said second device; and
 - securing the ATM virtual circuit by use of proxy addressing.
2. (original) The method as claimed in claim 1, wherein said first and second devices are routers.
3. (original) The method as claimed in claim 1, wherein:
 - said first device is identified by a temporary session IP proxy address for said called party; and
 - said second device is identified by a temporary session IP proxy address for said calling party.
4. (previously presented) The method as claimed in claim 1, wherein said establishing an ATM virtual circuit between said first and second devices comprises:
 - identifying a calling party number for said session at said first device; and

identifying a called party number for said session at said second device.

5. (previously presented) A method of providing quality of service in an IP telephony session between a calling party and a called party, the method comprising:

assigning a temporary IP proxy address to the called party at a first access control manager;

assigning a temporary IP proxy address to the calling party at a second access control manager;

establishing a switched virtual circuit for the session between the first access control manager and the second access control manager;

routing IP media traffic from said calling party to said called party IP proxy address at said first access control manager;

routing IP media traffic from said called party to said calling party IP proxy address at said second access control manager;

translating IP media traffic received at said called party IP proxy address to ATM traffic for transport through said virtual circuit from said first access control manager to said second access control manager; and

translating IP media traffic received at said calling party IP proxy address to ATM traffic for transport through said virtual circuit from said second access control manager to said first access control manager.

6. (canceled)

7. (previously presented) The method as claimed in claim 5, wherein said assigning a temporary IP proxy address to the calling party comprises selecting an IP proxy address from a pool of calling party IP proxy addresses allocated to said first access manager.

8. (currently amended) The method as claimed in claim [[6]] 5, wherein said assigning a temporary IP proxy address to the called party comprises selecting an IP proxy address from a pool of called party IP proxy addresses allocated to said second access manager.

9-10. (canceled)

11. (previously presented) The method as claimed in claim 8, further comprising:

translating ATM traffic received at said temporary called party address to IP media traffic for transport to said called party; and

translating ATM traffic received at said temporary calling party address to IP media traffic for transport to said calling party.

12. (previously presented) A method of providing quality of service in an IP telephony session between a calling party and a called party, the method comprising:

assigning a temporary IP proxy address to the called party at a first access control manager, the first access control manager being configured to couple an IP network to a second network at a first access point; and

assigning a temporary IP proxy address to the calling party at a second access control manager, the second access control manager being configured to couple the IP network to the second network at a second access point.

13. (previously presented) The method as claimed in claim 12, wherein said assigning a temporary IP proxy address to the calling party comprises selecting an IP proxy address from a pool of IP proxy addresses allocated to said first access manager.

14. (previously presented) The method as claimed in claim 12, wherein said assigning a temporary IP proxy address to the called party comprises selecting an IP proxy address from a pool of IP proxy addresses allocated to said second access manager.

15. (previously presented) The method as claimed in claim 12, further comprising:

routing IP media traffic from said calling party to said called party IP proxy address at said first access control manager; and

routing IP media traffic from said called party to said calling party IP proxy

address at said second access control manager.

16. (previously presented) The method as claimed in claim 15, wherein:

said second network includes an ATM network.

17. (previously presented) The method as claimed in claim 16, further comprising establishing a switched virtual connection through said ATM network between said called party IP proxy address and said calling party IP proxy address.

18. (previously presented) The method as claimed in claim 17, further comprising:

translating IP media traffic received at said called party IP proxy address to ATM traffic for transport through said virtual connection from said first access control manager to said second access control manager; and

translating IP media traffic received at said calling party IP proxy address to ATM traffic for transport through said virtual circuit from said second access control manager to said first access control manager.

19. (canceled)

20. (previously presented) A system for providing a quality of service IP telephony session between a calling party and a called party, which comprises:

a first device connected between a IP telephony network and an ATM network, said first device providing bi-directional translation between IP media traffic and ATM traffic;

a second device connected between said IP network and said ATM network, said second device providing bi-directional translation between IP media traffic and ATM traffic; and

an intelligent control layer for establishing a virtual circuit through said ATM network for an IP telephony session between the calling party and the called party, wherein the first device and the second device are assigned on a per session basis.

21. (original) The system as claimed in claim 20, wherein:

said first device is operably connected to an ingress switch of said ATM network;

and

said second device is operably connected to an egress switch of said ATM network.

22. (canceled)

23. (currently amended) The system as claimed in claim 20, wherein [[in]] said first and second devices each comprises a router.

24. (previously presented) The system as claimed in claim 20, wherein said intelligent control layer comprises:

means for assigning a temporary IP session proxy address for said called party at said first device; and

means for assigning a temporary IP session proxy address for said calling party at said second device.